

TestList.cpp

```
/*
 * TestList.cpp
 *
 * Created on: Sep 6, 2016
 * Author: sanjay
 */

#include <iostream>
#include <cctype>
#include "List.h"

using namespace std;

int main()
{
    List listObj;
    int userval;

    // Asking the user values to add
    while (cout << "Enter a value (0 to stop): ", cin >> userval, userval)
    {
        char bof;
        cout << "Back or front? (b or f): ";
        cin >> bof;
        if (std::toupper(bof) == 'B')
            listObj.addToBack(userval);
        else
            listObj.addToFront(userval);
    }

    cout << "Printing forward..." << endl;
    listObj.printForward();

    cout << "Printing backward..." << endl;
    listObj.printBackward();

    // Asking the user values to delete
    while (cout << "Enter value to delete (0 to stop): ", cin >> userval,
userval)
    {
        bool deleted = listObj.deleteNode(userval);
        if (deleted)
            cout << "Value " << userval << " deleted" << endl;
        else
            cout << "Value " << userval << " not found" << endl;

        cout << "List after the last operation..." << endl;
        listObj.printForward();
    }
}
```